

F. SZEPE.

"Iron Concrete Construction Without Fissures." p. 131 (Melyenitestudományi Szemle,
Vol. 3, no.3 Mar. 1953 Budapest.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

F. SZEPE.

"Tests on railway bridge floors." p. 3 (ACTA TECHNICA ACADEMIAE SCIENTIARUM
HUNGARICAE, Vol. 6, no. 1/2, 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

SZEPE, F.

HUNG.

87. Designing of reinforced concrete structures on the basis of predetermined width of cracks — F. Szépe. (Allyépítészudományi Szemle — Vol. 4, 1934, No. 7-8, pp. 374-380, 7 figs., 4 tabs.)

Reinforced concrete structures designed so as to permit the formation of cracks of predetermined width are more economical and practical than those designed to be crack-free. According to the design formula suggested for reinforced concrete railway bridges, the allowable stress in the reinforcing steel is directly proportional to the amount and inversely proportional to the diameter of the bars, directly proportional to the square of the cross sectional area of the reinforcement, and independent (with good approximation) of the depth of the girder. This formula makes it practical to design girders of reduced depth which is economical primarily in the case of railway bridges.

82

SZEPE, F.

New trends in the development of iron and metal structures. Pt. 4.
Latest developments in welded railroad bridges. p. 201.

MELYEPITESTUDOMANYI SZEMLE..(Kozlekedes- es Kozlekedesepitestudomanyi
Egyesulet) Budapest, Hungary, Vol. 9, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

SZEPE, Ferenc

Experiments with metal glueing. Magyar ipar 11 no.6:262-263 '62.

SZEPE, Gyorgy

Work conference on the questions of mathematical linguistics
and machine translation. Magyar tud 69 no.8:521-525 Ag '62.

1. Magyar Tudományos Akademia Nyelvtudományi Intézete
tudományos munkatársa, Budapest.

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCIŃSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. I.
Vitamin C content in the body of *Fasciola hepatica* L., *Taenia*
hydatigena Pall. (larvae), *Echinococcus granulosus* Batsch (larvae)
and *Ascaris suum* Goetz. Wlad. parazyt. 10 no.4:284-285 '64

1. Katedra Zoohigieny Wyższej Szkoły Rolniczej, Olsztyn -
Kortowo.

POLAND

TARCZYNSKI, Stefan; and SZEPELSKI, Leszek, Department of Applied Biology of the Agricultural College (Instytut Biologii Stosowanej WSR) Director (Dyrektor) Docent Dr. Tarczynski; Chair of Zoohygiene (Katedra Zoohigieny) Head (Kierownik) Docent Dr. Stefan Tarczynski; and Regional Institute of Veterinary Hygiene (Wojewodzki Zaklad Higieny Weterynaryjnej) Head (Kierownik) Veterinarian (lek. wet.) Irena Fils; Olsztyn

"Zoohygienic Aspects of Combatting Fascioliasis in Ruminants in the Warmian and Mazurian Provinces. Analysis of Environmental Conditions and their Effect on the Spread of an Invasion of *Fasciola hepatica*"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 513-517

Abstract: Review of data on fascioliasis in sheep and cattle in the Olsztyn Wojewodztwo; reports of incidence 1961 to 1965 according to four different sources in each of the three powiaty of the region; effect of climate, marshes and rivers, role of various vectors especially the marsh bird *Galba truncatula* (O.F. Muller). 2 tables, 8 maps; 12 Polish references.

SZEPES, Julia; ENDRESZNE HAJAS, Margit

Rice straw examination on the ground of cell measurements with regard to the resistance. Biol kozl 8 no.1:63-69 '60.

1. Eotvos Lorand Tudomanyegyetem Novenyselettani Intezete,
Budapest, es Agrartudomanyi Egyetem Novenytani es Novenyselettani
Intezete, Godollo.

MADAR, Janos, dr.; LAKATOS, Maria, dr.; SZEPE, Lajos, dr. (Egyek); SZEKELYFOLDI, Jozsef, dr.; RACZ, Irma, dr.

Experience with the introduction of intensive measures against dysentery.
Nepegeszsegugy 43 no.5:142-145 My '62:

1. Kozlemeny a Hajdu-Bihar megyei Kozegeszsegugyi-Jarranyugyi Allomasrol
(igasgato: Madar Janos dr.).
(DYSENTERY BACILLARY prev & control)

BOTAR, Geza, dr.; SZEPE, Margit, dr.

Data on diabetes in Nagykoros. Nepegeszsegugy 43 no.6:176-178 Je
'62.

1. Kozlemeny a Nagykoros varosi tanacs korhaza belgyogyaszati
osztalyarol.

(DIABETES MELLITUS statist)

SZEPES, E.

Detection of nitrite-ion with physostigmine. p. 136.
An account of the analytic conference. p. 137.

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest, Hungary
Vol. 14, no. 2/3, Feb./Mar. 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1959.
Uncla.

DONASZY, Erno, dr.; SZEPES, Ildiko

Limnologic investigation of the Birito-pusztá (Paks) fishponds
in 1962/63. Hidrológiai közlöny 44 no.7:326-334 J1 '64.

1. Division of Hydrobiology of the National Agricultural Quality
Testing Institute, Budapest.

SZEPES, Imre, dr.

The use of pneumoperitoneum and simultaneous induction of splenic contraction in radiological diagnosis. Magy. radiol. 6 no.2:62-68 Apr. 54.

1. A BM Korvin Otto Korhaza Rontgenintezetensz. közleménye.

(PNEUMOPERITONEUM, ARTIFICIAL

with epinephrine-induced spleen contraction, diag. of
two accessory spleens)

(SPLEEN, abnorm.

two accessory spleens, diag., artif. pneumoperitoneum
with epinephrine-induced spleen contraction)

(EPINEPHRINE, eff.

spleen contraction, with artif. pneumoperitoneum, diag.
of two accessory spleens)

(ABNORMALITIES

two accessory spleens, diag., artif. pneumoperitoneum
with epinephrine-induced spleen contraction)

GELIMANN, Miklos, dr.; LAKOS, Janos, dr.; SZEPES, Imre, dr.

Intra-uterine x-ray diagnostics of dead fetus and monsters.
Magy. noorv. lap. 19 no.2:107-117 Mar 56

1. A Belugyminiszterium Eggeszegugyi Szolgalatanak kozlomenye.
(FETUS
death, intra-uterine x-ray diag.(Hun))
(MONSTERS
same)

SZEPES, J.

"Investigations on Early Diagnosis of Rice Blast", P. 72, (AGRARTUDOMANY,
Vol. 6, No. 3, Mar. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

SZEPES, Julia

Measuring respiration intensity of rice plants with special
regard to brusone. Biol kozl 10 no.1:65-68 '62.

1. Keszult as Ontozesi es Rizstermesztési Intezet tamogatasaval.

*

MESZAROS, Istvan; SZEPES, Laszlo

Mechanization of vegetable ingathering is of vital importance.
Mezogazd techn 1 no.7:4-5 '61.

MESZAROS, Istvan; SZEPES, Laszlo

The 1960 experiments for harvesting vegetables. Jarmu mezo
gep 8 no.9:346-349 S '61.

1. Mezogazdasagi Gepkiserleti Intezet tudomanyos munkatarsa
(for Meszaros). 2. Mezogazdasagi Gepkiserleti Intezet muszaki
ugyintezoje (for Szepes).

MAKARA, G.B.; CSALAY, L.; FRENKL, R.; SOMFAI, Zsuzsa; SZEPESHAZI, K.

Effect of capsaicin on experimental ulcer in the rat. Acta med.
acad. sci. Hung. 21 no.2:213-216 '65.

1. Pathophysiological Institute, University Medical School,
Budapest, and Research Institute of Experimental Medicine,
Hungarian Academy of Sciences, Budapest. Submitted January
15, 1965.

SZEPESHAZY, Kalman, dr.

Data on the subsurface geology of the Nagykoros-Kecskemet area.
Foldt kozl 92 no.1:40-52 Ja-Mr '62.

SZEPESHEGYI I.

Experiences with metal supports and metal caps in the Kossuth mine of Komlo.
p. 722.

BANYASZATI LOPAK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest.
(Journal on prospecting and mining issued by the Hungarian Mining and
Metallurgic Society. Includes a supplement: KOOLAJ, on crude oil
production. Monthly) Vol. 14, no. 11, Nov. 1959.

Monthly list of East European Accession (EEAI) LC, Vol. ~~9, no. 2, Feb. 1960~~
9, no. 2, Feb. 1960

Uncl.

Public Health

HUNGARY

KOTAI, Endre, Dr, CSANYI, Eva, Dr, ~~SZEPESHELYI~~, Istvan, Dr; VIII. District Szanto Kovacs Janos Street Ambulant Specialist Services, Central Surgical Service for Accidental Injuries (VIII. Kerületi Szanto Kovacs Janos Utcai Szakorvosi Rendelointezet Kozponti Baleseti Sebeszeti Ambulantia), Budapest.

"Analysis of the Injuries Caused by Acts of Violence on the Basis of the Patient Material Seen by the Authors."

Budapest, Magyar Traumatologia, Orthopaedia es Helyreallito Sebeszet, Vol IX, No 4, 1966, pages 314-318.

Abstract: [Authors' English summary modified] From the patient material of the Central Ambulatory Services for Injuries Caused by Accidents (seen between Jan-Jun 1963 and Jan-Jun 1965), the cases were selected by the authors in which the injuries were caused by acts of violence. The causes and circumstances of the injuries as well as their hygienic and social importance are discussed. The possibilities and need of prevention are also pointed out. No references.

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1/1

SZEPESI, Dezso

Quantitative investigation of the orographic precipitation forming
effect in the Hungarian mountains. Idojaras 66 no. 3:269-273 S-O '62.

SZEPESI, D.

Application of meteorological artificial satellites in the world-wide weather observation service. Idojaras 66 no.5:318-320 S-O '62.

SZEPESI, D.

Influence of the temperature gradient in the lowest 300 m
air layer on the dispersion of pollutants of industrial
origin. Idojaras 68 no.1:10-17 Ja-F '64.

SZEPESI, Dezso; TANCZER, Tibor

Genesis of the cyclone over the Gulf of Genoa as reflected
in the cloud pictures taken by TIROS TV. Idojara 68 no.4:
193-200 J1-Ag '64.

SZEPESI, Dezső, dr.

A model for the long-term distribution of pollutants around a single source. Idojaras 68 no.5:257-269 S-O '64.

1. National Meteorological Institute, Budapest.

FARKAS, Bela; HOLCZHAUSER, Albert; FUREDI, Pal; SZEPESI, Endre, Dr.;
SZABADY, Jeno; SZEPESSY, Sandor; HALASZ, Antal; BALLAI, Laszlo;
SZEKELY, Istvan; KOHUT, Matyas

Remarks on the article "Problems of technical development for the heavy industry on the basis of the requirements of industrial branches which use its products." Villamossag 9 no.1/3:53-61 Ja-Mr '61.

1. A Klement Gottwald Villamossagi Gyar fomernoke (for Farkas).
2. A TRANSZVILL Transzformator es Villamoskeszulekgyar fomernoke (for Holcshauser).
3. VERTESZ Villamoseromu Tervezo es Szerelo Vallalat (for Furedi).
4. Hoenergiagazdasagi es Tervezo Vallalat (for Szepesi).
5. Klement Gottwald Villamossagi Gyar (for Szabady and Szekely).
6. Csepeli Transzformatorgyar (for Halasz).
7. Ganz Kapcsolok es Keszulekek Gyara (for Kohut).

SZEPESI, Endre, a muszaki tudomanyok kandidatusa

New trends in designing low-voltage circuit breakers. Elektrotechnika 53 no.4:162-167 '60.

1. Hoterv; Elektrotechnika" szerkeszto bizottsagi tagja.

SZEPESI, Endre, dr., a muszaki tudományok kandidátusa

Economic effects of applying synchronous motors. Elektrotechnika
53 no.11:477-481 '60.

1. Hőenergiagazdasági és Tervező Vállalat; "Elektrotechnika"
szerkesztő bizottsági tagja.

C.A. SZEPESI, L.

Vitamin C and ovulation. Károly Molnár and László Szepesi (Univ. Budapest). *Magyar Néprajzi Lapok* 13: 290-4(1950).—In 13 of 16 cases, normal women showed the highest vitamin retention in Pillay tests on the 12-18th day. The date of ovulation is denoted by a 80-100% decrease of vitamin C content. István Finkly

SZEPESI, L.

Possibilities of the mechanization of logging in Hungarian forestry. p. 50.
(Az Erdo, Budapest, Vol (3), no. 1/2, Mar 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

SZEPESI, Laszlo, dr., a mezogazdasagi tudomanyok (erdeszeti) kandidatusa

Possibilities for introducing night transportation. Erdo 12
no.1:29-37 Ja '63.

1. Erdeszeti Tudomanyos Intezet igazgatohelyettese, Budapest,
es "Az Erdo" szerkeszto bizottsagi tagja.

SZEPESI, Laszlo, dr., a mezogazdasagi tudomanyok (erdeszet) kandidatusa

Achievements of forest exploitation machinery up to the present. Erdo 13 no.12:551-556 D '64.

1. Deputy Director, Scientific Institute of Forestry,
Budapest.

BOROS, Janosne, dr.; SZEPESI, Karoly; TAKATS, Tibor, dr.

Derivatographic examination of bentonites. Epitoanyag 14 no.10:364-
372 0 '62.

SZEPESI, Laszlo, dr., a mezogazdasagi tudomanyok (erdeszeti) kandidatusa

What was the topic at the Geneva conference on forestry mechanization?

Erdo 12 no.11:509-513 N '63.

1. Erdeszeti Tudomanyos Intezet igazgatohelyettese, Budapest.

BOSZORMENYI, Bela, okl. banyamernok; SZEPESI, Pal, okl. banyamernok;
SZONYEY, Bela, okl. gepeszmernok

Ploughing tests in mineral mining. Bany lap 94 no.4:245-247 Ap '61.

(Mineral industries)

TOKAR, Peter; TAKACS, Erika; SZEPESI, Sandor, fomernek; KIS, Ferenc

Work of the Institute for Development of Heavy-Current
Products and the Institute for Commercial Quality Control.
Ujit lap 15 no.23:5 10 D '63.

1. "Ujitok Lapja" felelos szerkesztoje (for Tokar).
2. Erosaramu Gyartmanyfejlesztési Intezet igazgatoja
(for Takacs).
3. Erosaramu Gyartmanyfejlesztési Intezet (for Szepesi).
4. Erosaramu Gyartmanyfejlesztési Intezet osztalyvezetoje
(for Kis).

SZEPESY-LORINEZ, A.

"Determination of the daily value of moisture content in soil on the basis of climatic data." p. 7.

IDOJARAS. (Meteorologiai Intezet ex Magyar Meteorologiai Tarsasag).
Budapest, Hungary, Vol. 63, No. 1, Jan./Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

SZEPESINE LORINCZ, Anna

Evaporation data of the Wild instrument and the potential and actual
evaporanspiration calculated by Thorthwaite's method. Idojaras 63
no.6:361-364 N-D '59. (EEAI 9:10)
(Evaporation)

SZEPESINE-LORINCZ, Anna

Investigations of the vapor pressure of the near-ground air layer in
the area of Lake Balaton. Idojaras 64 no.1:38-43 Ja-F '60.
(EEAI 10:1)

(Hungary--Atmosphere)

SZEPESINE LORINCZ, Anna

Connection between the fitness of soils for traffic and their moisture content. Idojaras 65 no.4:215-220 J1-Ag '61.

SZEPESINE LORINCZ, Anna

"Introduction to climatology" by R. Scherhag. Reviewed by Anna Szepesine Lorincz. Idojaras 65 no.5:309 S-0 '61.

(Climatology) (Scherhag, R.)

SZEPESINE LORINCZ, Anna

"World atlas of climate diagrams. Pt. I." by H. Walter and H. Lieth.
Reviewed by Anna Szepesine Lorincz. Idojaras 65 no.5:311 S-0 '61.

(Climatology) (Walter, H.) (Lieth, H.)

OKOLOW CZ, Wincenty, prof., dr. (Warsaw, Poland); SZEPESINE LORINCZ, Anna
[translator]

An experiment for a new determination of the real surface isotherms
in Poland. Idojaras 66 no.2:75-78 Mr-Apr '62.

1. Varsoi egyetem meteorologiai es klimatologiai tanszeke. (for
Okolowicz).

SZEPESINE LORINCZ, Anna

Frequency of precipitation-free periods and the probability
of their duration of the Balaton area. Orsz meteor int besz
tud kut 25:220-226 '61 (publ.'62).

SZEPESINE LORINCZ, Anna

Soil moisture during the periods of drought. Orsz meteor int
besz tud kut 26:248-255 '62(publ.'63).

SZEPESINE LORINCZ, Anna

"An account of the 1958 work of the Scientific Research Institute on
Water Resources", edited by Mrs. Anna Szepesi nee Lorincz. Idojaras
66 no.5:312-313 S-0 '62.

KAKAS, Jozsef, dr.; SZEPESINE LORINCZ, Anna-

Questions relating to the water balance of the Hungarian climate.
Idojaras 67 no.2: 75-85 Mr-Apr '63.

1. "Idojaras" szerkesztoje. (for Kakas).

SZEPESINE LORINCZ, Anna

The Institute of Geophysics of the Bulgarian Academy of
Sciences. Idojaras 68 no.5:316 S-O '64.

Pathology

CZECHOSLOVAKIA

KORPAS, J.; ANDRASINA, J.; BILCIK, P.; DEMKOVA, A.; KOHUT, A.;
SZEPESSIOVA, A.; Institute of Experimental Pathology, Institute of
Pathological Anatomy, Surgical Clinic, Radiologic Clinic of the Medical
Faculty of the University of P.J. Safarik, and Microbiology Department
of FN [abbreviation not explained] (Ustav experimentalnej patologie,
Ustav patol. anatomie, Klinika chirurgicka, Klinika radiologicka LF UPJS
a Mikrobiologicke oddelenie FN), Kosice.

"Method of Inducing Experimental Bronchitis."

Prague, Ceskoslovenska Fysiologie, Vol 14, No 5, Oct 1965; p 381-382.

Abstract: In 22 cats, intratracheal administration of 1 to 10 u of an
aerosol of croton oil was studied. The latent state of 1 to 2 hours
was followed by a prodromal stage of up to 20 hours, and manifest disease
persisting for up to 5 days or so; returning to completely normal
condition by about the 20th day. 1 Czech reference. Paper presented at
the 7th Scientific Conference of the Medical Faculty of the P.J. Safarik
University of Kosice, 26 May 65.

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CZECHOSLOVAKIA

KORPAS, J., KOHUT, A., ANDRASINA, J., BILCIK, P., DEMKOVA, A.,
SZEPEŠIOVA, A.: Institute of Experimental Pathology, Scientific
Laboratory, Surgical Clinic, Institute of Pathological Anatomy,
Microbiological Department of Okresni Institute of National
Health, X-ray Clinic Medical Faculty, P.J. Safarik University,
(Ustav Exper. patologie, Ved. labor Chirurgickej Kliniky, Ustav
Pat. Anatomie, Mikrobiol. Odd. KUNZ, Rontgen. Klinika Lek. Fak.
UPJS) Kosice.

"Changes in the Cough of Cats Suffering from Spontaneous Broncho-
pneumonia."

Prague, *Ceskoslovenska Fysiologie*, Vol 15, No 2, Feb 66, pp 77-78

Abstract: Occurrence of spontaneous fibril septic and necrotic
bronchopneumonia was studied. The cough caused by excitation of
the tracheobronchitic region was stronger than that caused by
excitation of the laryngopharyngitic mucous membrane. In experi-
mental laryngotracheal bronchitis the sensitivity of the receptors
in the respiratory tract decreases, in spontaneous broncho-
pneumonia it increases. 1 Figure, no references. Submitted at
"16 Days of Physiology" at Kosice, 30 Sep 65.

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S/196/62/000/018/012/017
E194/E155

AUTHOR: Szepessy, A.

TITLE: The functional action of colour

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.18, 1962, 1, abstract 18 V 5. (Elektro-Praktiker,
v.16, no.3, 1962, 91-92). (German).

TEXT: The science of the functional action of colour is still very young and agreement on the concepts and terminology is a prerequisite for successful international collaboration in this field. The colour film produced by the Hungarian People's Republic and entitled 'The power of colour' showed how colour acts on the mood and behaviour of living subjects. In food, familiar colour excites appetite and unfamiliar is repulsive. The human mind associates red with fire and heat, white-blue with ice, light blue with a distant and cold sky, and green with rest in natural surroundings. Hence the concepts of warm and cold shades, the calming effect of green and the use of red as a danger signal. In hot workshops cool-coloured surroundings reduce the sensation

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The functional action of colour

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E194/E155

of heat. In old classrooms dark desks and blackboards have a tiring and irritating effect. The new classrooms shown in the film with light desks and olive-green blackboards reduce fatigue and encourage cleanliness in children. In workshops with dark machines and floors, work is more difficult and the occupational disease rate is higher. Painting the machines in various colours has a calming effect and makes the workers more attentive. Parts are readily seen against a cream background. If fast-moving trolleys and crane equipment are bright yellow, working safety is promoted. Light affects the apparent size of a room. Dark ceilings reduce its apparent height and dark end walls make it appear shorter.

[Abstractor's note: Complete translation.]

Card 2/2

SZEPESY

JULESZ, Miklos, dr.; B. FROMLICH, Margit, dr.; K. LASZLO, Ilona, dr.;
TOTH, Istvan, dr.; SZEPESY, Gabor, dr.; DAVID, Margit, dr.

The effect of estriol on lipid metabolism. Orv. hetil. 103 no.43:
2017-2021 28 0 '62.

1. Szegedi Orvostudományi Egyetem, I. Belklinika és Kózponti Laboratórium.
(ESTRIOL) (LIPID METABOLISM) (CORONARY DISEASE)
(PHOSPHOLIPIDS) (LIPOPROTEINS)
(BLOOD CHOLESTEROL) (BLOOD LIPIDS)

HUNGARY

BALAZS, Viktor, Dr, FROLICH, Margit, Dr, SZEPESSY, Gabor, Dr, CSATI, Miksa, Dr; Medical University of Szeged, I. Medical Clinic and Central Research Laboratory (Szegedi Orvostudományi Egyetem, I. Belklinika és Kózponti Kutató Laboratórium).

"Properties of Isolated Kryoglobulins, Similar to Those of the 'Rheumatoid Factor'."

Budapest, Orvosi Hetilap, Vol 104, No 33, 18 Aug 1963, pages 1552-1554.

Abstract: [Authors' Hungarian summary] Kryoglobulin was isolated from 10 patients with different diseases. Their agglutination with latex particles and with gamma globulin which was bound to tanninized erythrocytes, and their Waaler-Rose reaction were investigated. Kryoglobulins, with one exception, which contained 7 S and 17-21 S components caused latex-agglutination, and agglutination of erythrocytes with gamma globulin tracer. The one exception exhibited a difference in other physical-chemical properties as well. Kryoglobulins which contained 7 S gamma globulin or B₂ M-globulin alone, gave negative reactions. Heparin had no effect on the reactions investigated, or on the cold precipitation of kryoglobulins. 1 Hungarian, 17 Western references.

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HUNGARY

MECS, I.; DOMJA, Gy.; SZEPESY, G.

Alkaline phosphatase activity of normal and poliovirus infected
HeLa cells. Acta microbiol. acad. sci. Hung. 11 no.1:43-49 '64.

1. Institute of Microbiology (Director: G. Ivanovics), Institute
of Biochemistry (Director: G. Domjan) and Central Laboratory
(Director: E. Salkovits) University Medical School, Szeged.

SZEPPESSY, Istvan, dr., egyetemi tanár

Fundamentals of plant immunology. Term tud kozl 7 no.10:
456-458 0 '63.

1. Agrartudományi Egyetem, Godollo.

SZEPESY, Jozsef

Examination of water movements and dimensioning of chutes on the basis of dynamics. Hidrologiai Kozlony 40 no.2:155-162 Ap '60.

1. Orszagos Vizugyi Fozgazgatosag Vizugyi Nagyletesitmenyek Beruhazasi Kirendeltsege, Budapest.

SZEPESY, Jozsef, okleveles mernok

Flood drainage during dam construction. Vizugyi kozl no.4:
553-569 '62.

1. Orszagos Vizugyi Fozgazgatosag vizepitoipari foosztalyanak
fomernoke.

SZEPESY, Sandor

New method for introducing inventions; a proposal. Ujit lap 12
no.13:30 12 J1 '60.

1. Erosaramu Gyartmanyfejlesztési Intezet fomernoke.

SZEPESY, Sandor...

General meeting of the Hungarian Electrotechnical Association.
Musz elet 20 no.2:2 28 Ja '65.

1. Secretary General, Hungarian Electrotechnical Association.

SZEPESVARI, F.

Service statutes of railroad workers. p. 338.
(Kozlekedesi Kozlony, Vol. 13, no. 18, May 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

SZEPESVARI, Gyorgyne

The 1963 program of the Hungarian Chemical Society. Magyar kem
lap 18 no.2/3:129-132 F-Mr '63.

DOBO, Laszlo, dr.; KERTAY, Gyorgy, dr.; TARJAN, Robert; SZEPESVARY, Ivan

Possibilities for developing the gas economy in Hungary. Energia es
atom 13 no.3:94-100 Mr '60.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja (for Dobo).

SZEPESVARI, Jozsef (Budapest)

Delivery and receipt of goods at our border stations and
the appraisal of damages. Vasut 14 no.10:5-6 O '64.

RADVANYI, Otto; VASARHELYI, Istvan; SZEMESVARI, Laszlo; SCHASER, Lajos

Data on the avifauna of Northern Hungary. Aquila 69/70:267-
268 '62-'63 [publ. '64].

SZEPESVARY, Jeno

Should we ~~import~~ or export furfural? Musz elet 17 no.3:
7 F '62.

SZEPESVARY, Jeno

More and cheaper Hungarian-made polyester resins are
needed. Musz elet 18 no.4:5 14 F '63.

SZEPESVARY, Jeno

Unutilized possibilities of corrosion protection. Musz elet 18
no.12:5 6 Je '63.

Distr: hE3d

Petroleum sulfur compounds. II. Determination of mercaptan sulfur content. Ferenc Ratkovics and Pál Szepesváry (Magyar Ásványolaj- és Földgázkísérleti Int., Veszprém, Hung.). *Magyar Kém. Polymor* 64, 472-4 (1958).—A method for detn. of thiols was described, based on the equation: $\text{RSH} + \text{HgCl}_2 \rightarrow \text{RSHgCl} + \text{HCl}$. The HCl was titrated with KOH in MeOH by using bromocresol green (I) as indicator for colorless products, or a high-frequency titrimeter for colored products. The detn. was disturbed by no S compd. of the petroleum but H_2S . The colored product (50 g.) was dissolved in 90 ml. of a mixt. contg. MeOH- C_6H_6 4:1, 10 ml. satd. HgCl_2 in MeOH added, and titrated with 0.1N HCl in MeOH using the titrimeter. The colorless product was dissolved in 50 ml. 4:1 MeOH- C_6H_6 mixt., 3 drops 0.1% I in MeOH added, and titrated with 0.01N KOH in MeOH, 10 ml. HgCl_2 soln. added, and titrated again to transition color. The thiol S was measured by the 2nd titration. If, before the first titration, the soln. was green a few drops of 0.1N HCl were added. In the following list the probable % of S and the amt. in g. of the colorless product used for detn. are given: 1, 0.1; 0.1-1, 1-0.1; 0.01-0.1, 10-1; 0.001-0.01, 100-10; 0.001, 100. The H_2S is to be extd. from the samples with a $\text{Cd}(\text{OAc})_2$ soln. of 2.5 vol. %. With I the accuracy is $\pm 2\%$ at 0.0001-0.0005% thiol S, $\pm 1\%$ at 0.0005-0.001% S, and $\pm 0.5\%$ at $>0.001\%$ S; with the titrimeter it is $\pm 10\%$ at $<0.001\%$ S, $\pm 5\%$ at 0.001-0.005% S, and $\pm 1\%$ at $>0.005\%$ S.
Endre Kasztreiner

S. RUTENMAN, ...; PAZI B, S.; SEMOSKOZE, V.

Investigation of petroleum sulfur compounds. I. . hll.

MAGYAR KUTATÁSOK IARMA. (Magyar Kémiai Kutató Intézet)
Budapest, Hungary
Vol. 14, no. 10, Oct. 1959.

Monthly List of East European Accessions (EMEA) LC., Vol. 8, no. 12, Dec. 1959.
Uncl.

RATKOVICS, Ferenc; SZEPESVARY, Pal; VAS, Jolan

Examination of petroleum sulfur compounds. Pt. 4. Magyar kem folyoir
65 no.3:99-102 Mr '59.

1. Magyar Asvanyolaj- es Foldgaskiserleti Kutato Intezet, Veszprem.

MARKO, Laszlo; ALMASY, Gedeon; SZEPETVARY, Pal

Examination of the coloration of diisooctylphthalate by means of mathematical statistics as a method of evaluation; the effect of isooctyl alcohol impurities on the colorfulness of diisooctylphthalate. Magyar kem lap 15 no.2:62-65 F '60.

1. Magyar Asvanyolaj es Fold gazkiserleti Intezet.

S/081/62/000/005/034/112
B151/B101

AUTHOR: Szepesváry, Pál

TITLE: The application of polarographic methods to the determination of sulfur-containing compounds of petroleum

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 5, 1962, 172, abstract 5D168 (Magyar ásványolaj- és földgáz kísérlet. int. közl. no. 2, 1961, 50-58)

TEXT: A review is given of methods for the determination of sulfur-containing compounds in petroleum. For several groups of these compounds a polarographic method of analysis is described. Elemental S is determined at pH 6; background - a mixture of 500 ml CH_3OH , 500 ml C_6H_6 , 8.2 g CH_3COONa and 5.7 ml glacial CH_3COOH ; $E_{1/2} = -0.55$ v (relative to saturated calomel electrode). The dependence of the height of the wave on the S concentration is linear. 10^{-2} - 10^{-4} % by weight S can be determined. The thiols give an anode wave; background - a mixture of

Card 1/2

ALMASY, Gedeon; SZEPESVARY, Pal

Applying calculating machines in chemical research and chemical industry. Magyar kem lap 16 no.7:308-313 J1 '61

1. Magyar Asvanyolaj es Foldgaz Kiserleti Intezet.

SVEHLA, Gyula; SZEPESVARY, Pal

Use of mathematical statistical methods in chemistry. I. Investigation of correlations. Magyar kem lap 16 no.10:454-467 0 '61.

1. Budapesti Muszaki Egyetem Altalanos Kemiai Tanszek (for Svehla).
2. Magyar Asvanyolaj es Foldgazkiserleti Intezet (for Szepesvary).

SZEPESI A., KORITSANSZKYNE A. K., SELMECI V.

Kulföldi eredetű keseranyagtartalmú drogok helyettesítése hazai drogokkal. /Replacement of bitter substances of foreign origin by Hungarian drugs/ Gyógyászat 5:15 1 Oct 50 p. 347-50.

1. Of the Pharmaceutical Institute (Director — Dr. Sándor Mossongyi, University Professor Lecturer), Budapest University.

OLML 20, 2, Feb 51

SZEPESI, D.

SCIENCE

PERIODICALS: ~~ACTA ZOOLOGICA. Vol. 62, No. 3, May/June 1958~~
IDONARAS. Vol. 62, No. 3, May/June 1958

Szepesi, D. Variation of the vertical distribution of specific humidity in
radiation fog conditions. p. 139

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

SZEPESY, Dezso

The connection of large-scale and frontal vertical velocities with
the large-scale precipitation areas. Idojaras 63 no.6:344-350 N-D '59.
(KEAI 9:10)

(Precipitation (Meteorology))

SZEPESI, Dezso

Divergence-free level. Idojaras 64 no.1:54-55 Ja-F '60. (FRAI 10:1)
(Weather)

SZEPESI, Dezso

On zero layers. Idojaras 64 no.2:106-108 Mr-Ap '60.

SZEPESI, D.

On the effects of the mountains of the Carpathian basin, producing
orographic precipitations. Idojaras 64 no.3:144-152 My-Je '60.
(EEAI 10:1)

(Carpathian Mountains)
(Precipitation (Meteorology))
(Hungary--Climate)

S/169/62/000/008/025/090
E202/E392

AUTHOR: Szepesi, Dezső

TITLE: Synoptic aspects of the propagation of artificial
radioactivity

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 8, 1962. 19,
abstract 33146. (Országos meteorol. int. ivatal.
kiadv., no. 24, 1961, 81 - 93)

TEXT: The problem of propagation in the atmosphere of atomic
wastes derived from atomic stations and the products of decay
derived from explosions is discussed. Safety rules are analyzed.
The problem of deposition of radioactive products on the surface
of the Earth is also discussed.

[Abstractor's note: Complete translation.]

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SZEPESI, Dezso

New methods of investigating general circulation. Idojaras 64 no.3:
177-178 My-Je '61.

L 31370-66 FCC/FSS-2 II

ACC NR: AP6021122

SOURCE CODE: HU/0033/65/069/04-/0218/0225

AUTHOR: Szepes^Y, Dezso; Tanczor, Tibor

ORG: none

TITLE: Cloud analysis in the conventional manner and with the aid of artificial satellites under various meteorological conditions

SOURCE: Idojaras, v. 69, no. 4-5, 1965, 218-225

TOPIC TAGS: atmospheric cloud, artificial satellite, spaceborne atmospheric photography, meteorologic observation, spaceborne atmospheric observation

ABSTRACT: Data provided by the Tiros satellite regarding cloud formations over the Alps and the Carpathian Mountains were presented and discussed to illustrate the advantages and disadvantages of cloud analysis with the aid of artificial satellites. The advantages are that the findings are objective and not limited by the horizon; the disadvantages are that the resolution of the transmitted pictures is imperfect, distorted at the edges, and the locations of the pictures cannot be always precisely identified. The advantages were judged to outweigh the disadvantages and the method was found to contribute to the development of cloud studies. Orig. art. has: 5 figures. [JPRS]

SUB CODE: 04, 22 / SUBM DATE: none / ORIG REF: 002

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A 58.51.4 METALLURGICAL LITERATURE CLASSIFICATION		EXPOSURE AND CHEMICAL ANALYSIS		BELLITONE	
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SZEPESI, E.

Electrical Engineering Abst.
Vol. 57 No. 673
Jan. 1954
Electrical Engineering

① 621.316.933
150. The location of overvoltage diverters. E.
SZEPESI, *Elektrotechnika*, 45, 242-51 (Nov.-Dec.,
1952) In Hungarian.
An approximate as well as an exact method of
determining the distance of a diverter from the trans-
former to be protected is given. It is shown that the
approximation is satisfactory. T. P. BROQY

Electrical Engineering Abst.
Vol. 57 No. 673
Jan. 1954
Electrical Engineering

02EPEST, E.

146. Protection of rotating machinery against over-
voltages. R. SZENDY AND E. SZEPESI, *Elektrotech-
nika*, 45, 332-9 (Nov.-Dec., 1932) In Hungarian.
After an analysis of the surge propagation velocity
and resistance, and of the effect of star and delta
connections on the maximum surge voltage, various
means of reducing the amplitude and steepness of the
wavefront are discussed, as is the role of protective
condensers. A method for protecting the star-point
against overvoltage is given and a general protective
scheme for (1) machines directly connected to overhead
lines, (2) connected by cable and (3) connected
through a transformer to overhead lines is described.
The article is chiefly a summary of American and
Russian literature.

T. P. BRADY

6-3-54 jo

SZEPESI, E.

Ferenc Ronkay's Eromuvek villamosberendezese (Electric Equipment of Power Plants); a book review. p. 255, ELEKTROTECHNIKA (Magyar Elektrotechnikai Egyesulet) Budapest, Vol. 49, No. 8, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

SZEPESVARY, Pal; SVEHLA, Gyula, dr.

Application of mathematical statistical methods in chemistry. I.
Applications in the field of analytical chemistry. Magyar Kémiai Lapok
15 no.1:11-19 Jan '60.

1. Magyar Ásványolaj- és Földgázkísérleti Intézet, Veszprém (for Szepesvary). 2. Budapesti Műszaki Egyetem, Általános Kémiai Tanszék (for Svehla).

ALMASY, Gedeon; HONTI, Gyorgy; SZEPESVARY, Pal

Programming of digital calculating machines. Magy kem lap 17 no.9:400-404 S '62.

1. Magyar Asvanyolaj es Foldgaz Kiserleti Intezet, Veszprem (for Almasy and Szepesvary). 2. KOMPLEX, Kulkereskedelmi Vallalat (for Honti).

SERIES ~~Y~~, G.

SERIES ~~Y~~, G. Conference on the growing of vegetables in Niskolc. p. 183.

Vol. 8, no. 4, Apr. 1956

AGRANTUDOMANY

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

SZEPESY, G.

Some problems in organizing the repair of machines during winter. p. 8. (Magyar
Mezőgazdaság, Vol. 11, no. 2, Jan. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

JULESZ, M.; FROHLICH, M.B.; LASZLO, I.K.; TOTH, I.; SZEPESSY, G.; DAVID,
M.A.

On the effects of estriols on lipid metabolism. Acta med. acad.
sci. hung. 19 no.2:161-168 '63.

1. I. Medizinische Klinik und Zentrallaboratorium der Medizinischen
Universitat, Szeged.

(ESTRIOL)	(LIPID METABOLISM)	(GYNECOLOGY)	(BLOOD LIPIDS)
(PHOSPHOLIPIDS)	(LIPOPROTEINS)	(BLOOD CHOLESTEROL)	
(BLOOD PROTEIN ELECTROPHORESIS)			

C.A. SZEPESY, G. L.

The effect of ionization on the absorption spectra of hydroxybenzene derivatives. G. L. Szepesy (Univ., Szeged, Hung.), *Acta Univ. Szeged., Chem. et Phys.* 3, 49-51 (1950) (in English). Comp. *o*-, *m*-, and *p*-cresol, thymol, *o*-cresol Me ether, pyrocatechol, quinol, hydroquinone, resorcinol, pyrogallol, and phloroglucinol were purified by repeated recrystallization and distillation, then the absorption spectra were investigated in solution, using HClO_4 , H_2SO_4 , NaOH , and KOH 0.01, 1.00, and 5.00 moles/l. To the alkaline liquids 0.8-1.0% Na_2SO_3 was added to avoid oxidizing. It is assumed that the spectrum of the neutral mol. is obtained in a suitable acid concn.; however, complex ion effects can also occur. In the case of pyrogallol hydroxyl groups also seem to have a steric hindering effect in a suitable position. The examination of the curves proved that mesomerism is hindered by the same radicals. Hydroxyl groups were more strongly mesomerized in a dissolved condition, owing to the greater probability of the mesomeric limit cases. Quinoidal mesomeric structures are formed readily, especially for *o*- and *p*-derivatives. 21 references. 1 F.

SZEPESY, G.L.

K-7

HUNGARY/Optics - Spectroscopy

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 16726

Author : Szepeszy G.L.

Inst : The University, Szeged, Hungary

Title : The Light Absorption of Some Cyanine Dyes Absorbed on Cellophane.

Orig Pub : Acta phys. et chem. Szeged, 1956, 2, No 1-4, 140-148

Abstract : In the spectra of six adsorbed cyanine dyes in the region from 200 to 500 millimicrons, there was observed a shifting of the absorption bands towards the longer waves compared with the solution spectra. The shift of the bands at 500 millimicrons is equivalent to changes in ΔE , the values of the quanta, in range from 0.57 to 5.1 kcal. The maximum value of ΔE is close to the true value of the absorption energy and is observed upon comparison of the spectra of the adsorbate with a true solution (monomers). The presence of polymers in the solution lowers the observed value of ΔE to 0.57 in individual cases.

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HUNGARY/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 11895

of (III) turned out to be greater than in the case of solutions of (II). The possible cause of this is that the ion Cs does not form a hydrate. It is also indicated that, for a solution of (IV), the absorption in the investigated region of the spectrum is determined partially by the intrinsic absorption of the Ni^{2+} ion. Bibliography, 38 titles.

Card : 2/2

SZEPESI, I.

SZEPESI, I. Let trust the chicken to choose the time for eating. p. 23.

Vol., no. 11, June 1956.

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957